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(((((control AND fuzzy) AND (pid OR pi)) AND computer) AND ((buffer OR memory) OR delay)) AND "feed forward")): 22 patents.

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PAT. NO. Title

- 1 [6,385,474](#) **T** [Method and apparatus for high-resolution detection and characterization of medical pathologies](#)
- 2 [6,246,355](#) **T** [Radar cross-section measurement system for analysis of wooden structures](#)
- 3 [6,169,981](#) **T** [3-brain architecture for an intelligent decision and control system](#)
- 4 [6,157,894](#) **T** [Liquid gauging using sensor fusion and data fusion](#)
- 5 [6,112,517](#) **T** [Plant control system](#)
- 6 [6,008,618](#) **T** [Zero speed start-up for a speed sensorless induction motor drive](#)
- 7 [5,943,662](#) **T** [Supporting method and system for process operation](#)
- 8 [5,878,151](#) **T** [Moving object tracking](#)
- 9 [5,845,052](#) **T** [Supporting method and system for process operation](#)
- 10 [5,838,882](#) **T** [Dynamic position tracking and control of robots](#)
- 11 [5,810,759](#) **T** [Control system for regulating gas exchange in extracorporeal circulation](#)
- 12 [5,774,633](#) **T** [Supporting neural network method for process operation](#)
- 13 [5,767,648](#) **T** [Base force/torque sensor apparatus for the precise control of manipulators with joint friction and a method of use thereof](#)
- 14 [5,751,610](#) **T** [On-line robot work-cell calibration](#)
- 15 [5,704,200](#) **T** [Agricultural harvester ground tracking control system and method using fuzzy logic](#)
- 16 [5,535,577](#) **T** [Agricultural harvester with closed loop ground tracking control](#)
- 17 [5,519,605](#) **T** [Model predictive control apparatus and method](#)
- 18 [5,515,477](#) **T** [Neural networks](#)
- 19 [5,485,802](#) **T** [Method and apparatus for pulling monocrystals from a melt](#)
- 20 [5,463,854](#) **T** [Agricultural harvester with closed loop ground tracking control](#)

- 21 [5,251,288](#)  [Fuzzy inference apparatus with membership function adjustment](#)
- 22 [5,121,467](#)  [Neural network/expert system process control system and method](#)
-

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control and fuzzy and (pid or pi) and computer and

- | PAT. NO. | Title |
|--------------|---|
| 1 6,394,952 | T Point of care diagnostic systems |
| 2 6,387,690 | T Endoglucanases |
| 3 6,385,474 | T Method and apparatus for high-resolution detection and characterization of medical pathologies |
| 4 6,378,315 | T Wireless method and apparatus for monitoring and controlling food temperature |
| 5 6,374,173 | T Terrain adaptive cruise control |
| 6 6,356,936 | T Relevance clause for computed relevance messaging |
| 7 6,354,842 | T Rolling toy with motion recording and playback capability |
| 8 6,349,553 | T Method and system for cooling electrical components |
| 9 6,349,237 | T Reconfigurable manufacturing system having a production capacity method for designing same and method for changing its production capacity |
| 10 6,344,232 | T Computer controlled temperature and oxygen maintenance for fiber coating CVD |
| 11 6,341,256 | T Consensus configurational bias Monte Carlo method and system for pharmacophore structure determination |
| 12 6,339,767 | T Using hyperbolic trees to visualize data generated by patent-centric and group-oriented data processing |
| 13 6,330,484 | T Method and apparatus for fuzzy logic control with automatic tuning |
| 14 6,323,846 | T Method and apparatus for integrating manual input |
| 15 6,311,136 | T Digital flowmeter |
| 16 6,309,353 | T Methods and apparatus for tumor diagnosis |
| 17 6,308,649 | T Sailboat and crew performance optimization system |

- 18 [6,301,570](#) **T** [Programmable fuzzy analog processor](#)
 - 19 [6,301,370](#) **T** [Face recognition from video images](#)
 - 20 [6,298,454](#) **T** [Diagnostics in a process control system](#)
 - 21 [6,289,874](#) **T** [Electronic throttle control](#)
 - 22 [6,276,159](#) **T** [Sorption refrigeration appliance](#)
 - 23 [6,272,256](#) **T** [Fast compression of periodic halftoned bitonal images](#)
 - 24 [6,267,760](#) **T** [Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and forming an incision in tissue with minimal blood loss](#)
 - 25 [6,267,722](#) **T** [Point of care diagnostic systems](#)
 - 26 [6,266,057](#) **T** [Information processing system](#)
 - 27 [6,264,774](#) **T** [Card laminator with regulatory control](#)
 - 28 [6,263,697](#) **T** [Sorber having flexible housing](#)
 - 29 [6,263,362](#) **T** [Inspector for computed relevance messaging](#)
 - 30 [6,263,260](#) **T** [Home and building automation system](#)
 - 31 [6,259,222](#) **T** [Device and method for regulating maximum loading on an electric motor in an aggregate feed replenishing system](#)
 - 32 [6,256,664](#) **T** [Method and apparatus for computed relevance messaging](#)
 - 33 [6,250,560](#) **T** [Variable-air-volume diffuser actuator assembly and method](#)
 - 34 [6,247,678](#) **T** [Shape memory alloy actuated fluid control valve](#)
 - 35 [6,247,128](#) **T** [Computer manufacturing with smart configuration methods](#)
 - 36 [6,246,355](#) **T** [Radar cross-section measurement system for analysis of wooden structures](#)
 - 37 [6,243,694](#) **T** [System and method for generating a fuel-optimal reference velocity profile for a rail-based transportation handling controller](#)
 - 38 [6,240,207](#) **T** [Handwriting input display apparatus having improved speed in changing display of entered handwriting](#)
 - 39 [6,230,152](#) **T** [Fuzzy controller for loop management operating system](#)
 - 40 [6,214,560](#) **T** [Analyte assay using particulate labels](#)
 - 41 [6,199,030](#) **T** [Heightened realism for computer-controlled units in real-time activity simulation](#)
 - 42 [6,197,021](#) **T** [Systems and methods for controlling tissue ablation using multiple temperature sensing elements](#)
 - 43 [6,195,626](#) **T** [Heightened realism for computer-controlled units in real-time simulation](#)
 - 44 [6,192,325](#) **T** [Method and apparatus for establishing a predictive maintenance database](#)
 - 45 [6,192,283](#) **T** [Method and apparatus for adaptive control of a system or device](#)
 - 46 [6,179,835](#) **T** [Expandable-collapsible electrode structures made of electrically conductive material](#)
 - 47 [6,179,618](#) **T** [Heightened realism for computer-controlled units in real-time activity simulation](#)
 - 48 [6,173,583](#) **Withdrawn**
 - 49 [6,171,480](#) **T** [Automated closed recirculating aquaculture filtration system](#)
 - 50 [6,169,981](#) **T** [3-brain architecture for an intelligent decision and control system](#)
-

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(((control AND fuzzy) AND (pid OR pi)) AND computer) AND ((buffer OR memory) OR delay)):
289 patents.

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[Refine Search](#)

PAT. NO.	Title
51 6,162,184	T Systems and methods for sensing temperature within the body
52 6,157,894	T Liquid gauging using sensor fusion and data fusion
53 6,154,541	T Method and apparatus for a robust high-speed cryptosystem
54 6,152,920	T Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body
55 6,150,179	T Method of using solid state NMR to measure distances between nuclei in compounds attached to a surface
56 6,142,994	T Surgical method and apparatus for positioning a diagnostic a therapeutic element within the body
57 6,131,085	T Answer collection and retrieval system governed by a pay-off meter
58 6,125,650	T Sorber having a cooling mechanism
59 6,121,424	T Multivalent antigen-binding proteins
60 6,120,496	T Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and coupling device for use with same
61 6,118,474	T Omnidirectional imaging apparatus
62 6,116,039	T Cooling apparatus having integrated sorber-evaporator structure
63 6,112,517	T Plant control system
64 6,110,215	T Heightened realism for computer-controlled units in real-time activity simulation
65 6,106,785	T Polymerization process controller

- 66 [6,103,889](#) **T** [Nucleic acid molecules encoding single-chain antigen-binding proteins](#)
- 67 [6,099,526](#) **T** [Electrode structure including hydrophilic material](#)
- 68 [6,082,129](#) **T** [Sorption refrigeration appliance](#)
- 69 [6,081,750](#) **T** [Ergonomic man-machine interface incorporating adaptive pattern recognition based control system](#)
- 70 [6,078,911](#) **T** [Compilation of rule bases for fuzzy logic control](#)
- 71 [6,078,701](#) **T** [Method and apparatus for performing local to global multiframe alignment to construct mosaic images](#)
- 72 [6,075,770](#) **T** [Power spectrum-based connection admission control for ATM networks](#)
- 73 [6,074,203](#) **T** [Method for supplying gas to a chamber and method for regulating the content of a given element in the atmosphere of such a chamber](#)
- 74 [6,071,281](#) **T** [Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and remote power control unit for use with same](#)
- 75 [6,071,278](#) **T** [Tissue heating and ablation systems and methods using porous electrode structures with specified electrical resistivities](#)
- 76 [6,067,534](#) **T** [Method and equipment for the control of a data transfer connection](#)
- 77 [6,062,481](#) **T** [Optimal error-detecting, error-correcting and other coding and processing, particularly for bar codes, and applications therefor such as counterfeit detection](#)
- 78 [6,056,745](#) **T** [Systems and methods for obtaining desired lesion characteristics while ablating body tissue](#)
- 79 [6,055,822](#) **T** [Circuit-board mounted cooling apparatus for a computer](#)
- 80 [6,055,524](#) **T** [Model-free adaptive process control](#)
- 81 [6,053,912](#) **T** [Systems and methods for sensing sub-surface temperatures in body tissue during ablation with actively cooled electrodes](#)
- 82 [6,047,192](#) **T** [Robust, efficient, localization system](#)
- 83 [6,044,661](#) **T** [Coaxial waveguide applicator for an electromagnetic wave-activated sorption system](#)
- 84 [6,043,878](#) **T** [Device for optical and electrochemical measurements in microliter size samples](#)
- 85 [6,041,856](#) **T** [Real-time pump optimization system](#)
- 86 [6,038,883](#) **T** [Electromagnetic wave-activated sorption refrigeration system](#)
- 87 [6,038,878](#) **T** [Method and apparatus for cooling electrical components](#)
- 88 [6,035,656](#) **T** [Method and apparatus for cooling electrical components](#)
- 89 [6,032,477](#) **T** [Method and apparatus for cooling electrical components](#)
- 90 [6,032,476](#) **T** [Electronic device cooling apparatus](#)
- 91 [6,030,379](#) **T** [Systems and methods for seeking sub-surface temperature conditions during tissue ablation](#)
- 92 [6,029,195](#) **T** [System for customized electronic identification of desirable objects](#)
- 93 [6,027,725](#) **T** [Multivalent antigen-binding proteins](#)
- 94 [6,025,165](#) **T** [Methods for producing multivalent antigen-binding proteins](#)
- 95 [6,014,473](#) **T** [Multiple ultrasound image registration system, method and transducer](#)
- 96 [6,010,052](#) **T** [Yarn supply apparatus with electronic control](#)

- 97 [6,008,618](#) **T** [Zero speed start-up for a speed sensorless induction motor drive](#)
- 98 [6,005,964](#) **T** [Automatic machine vision microscope slide inspection system and method](#)
- 99 [6,001,639](#) **T** [Endoglucanases](#)
- 100 [5,999,918](#) **T** [Interactive color confidence indicators for statistical data](#)

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PAT. NO.	Title
101 5,995,868	System for the prediction, rapid detection, warning, prevention, or control of changes in activity states in the brain of a subject
102 5,995,737	System and method for tuning a rail-based transportation system speed controller
103 5,992,168	Circuit board having an integral sorber
104 5,983,144	System and method for tuning look-ahead error measurements in a rail-based transportation handling controller
105 5,980,103	Apparatus and method for testing thermal fatigue resistance
106 5,974,521	Apparatus and method for signal processing
107 5,968,263	Open-loop method and system for controlling growth of semiconductor crystal
108 5,961,831	Automated closed recirculating aquaculture filtration system and method
109 5,961,513	Tissue heating and ablation systems and methods using porous electrode structures
110 5,959,726	Modulation transfer function test compensation for test pattern duty cycle
111 5,956,464	Fuzzy logic controlled endometrium ablator
112 5,947,370	Apparatus and method for real time boiling point detection and control
113 5,946,673	Computer implemented machine learning and control system
114 5,943,663	Data processing method and system utilizing parallel processing
115 5,943,662	Supporting method and system for process operation
116 5,941,305	Real-time pump optimization system

- 117 [5,940,081](#) **T** [Method and apparatus for forming a font and the font produced method and apparatus for drawing a blurred figure](#)
- 118 [5,939,015](#) **T** [Centercore process for gas assisted injection molding](#)
- 119 [5,930,136](#) **T** [Control device for controlling a controlled apparatus, and a control method therefor](#)
- 120 [5,925,038](#) **T** [Expandable-collapsible electrode structures for capacitive coupling to tissue](#)
- 121 [5,921,099](#) **T** [Air conditioner temperature control apparatus](#)
- 122 [5,920,477](#) **T** [Human factored interface incorporating adaptive pattern recognition based controller apparatus](#)
- 123 [5,917,912](#) **T** [System and methods for secure transaction management and electronic rights protection](#)
- 124 [5,917,490](#) **T** [Interactive information processing system responsive to user manipulation of physical objects and displayed images](#)
- 125 [5,916,259](#) **T** [Coaxial waveguide applicator for an electromagnetic wave-activated sorption system](#)
- 126 [5,906,560](#) **T** [Power train controller and control method](#)
- 127 [5,903,454](#) **T** [Human-factored interface incorporating adaptive pattern recognition based controller apparatus](#)
- 128 [5,901,246](#) **T** [Ergonomic man-machine interface incorporating adaptive pattern recognition based control system](#)
- 129 [5,895,458](#) **T** [Apparatus and method in which control rules can be changed during fuzzy reasoning operations and control system and method in which changeover is controlled by fuzzy reasoning](#)
- 130 [5,891,136](#) **T** [Expandable-collapsible mesh electrode structures](#)
- 131 [5,891,135](#) **T** [Stem elements for securing tubing and electrical wires to expandable-collapsible electrode structures](#)
- 132 [5,879,348](#) **T** [Electrode structures formed from flexible, porous, or woven materials](#)
- 133 [5,878,151](#) **T** [Moving object tracking](#)
- 134 [5,875,108](#) **T** [Ergonomic man-machine interface incorporating adaptive pattern recognition based control system](#)
- 135 [5,873,258](#) **T** [Sorption refrigeration appliance](#)
- 136 [5,871,483](#) **T** [Folding electrode structures](#)
- 137 [5,869,620](#) **T** [Multivalent antigen-binding proteins](#)
- 138 [5,868,736](#) **T** [Systems and methods to control tissue heating or ablation with porous electrode structures](#)
- 139 [5,867,649](#) **T** [Dance/multitude concurrent computation](#)
- 140 [5,867,456](#) **T** [Intelligent optical disk drive control method](#)
- 141 [5,867,386](#) **T** [Morphological pattern recognition based controller system](#)
- 142 [5,855,119](#) **T** [Method and apparatus for cooling electrical components](#)
- 143 [5,853,411](#) **T** [Enhanced electrical connections for electrode structures](#)
- 144 [5,846,265](#) **T** [Closed-loop textile dyeing process utilizing real-time metered dosing of dyes and chemicals](#)
- 145 [5,846,239](#) **T** [Tissue heating and ablation systems and methods using segmented porous electrode](#)

structures

- 146 [5,846,238](#) **T** [Expandable-collapsible electrode structures with distal end steering or manipulation](#)
- 147 [5,845,052](#) **T** [Supporting method and system for process operation](#)
- 148 [5,842,356](#) **T** [Electromagnetic wave-activated sorption refrigeration system](#)
- 149 [5,840,076](#) **T** [Tissue heating and ablation systems and methods using electrode structures with distally oriented porous regions](#)
- 150 [5,838,882](#) **T** [Dynamic position tracking and control of robots](#)

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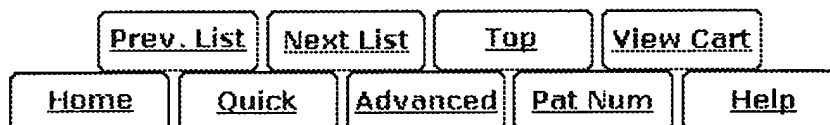
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PAT. NO.	Title
151 5,835,630	T Modular time-varying two-dimensional filter
152 5,835,087	T System for generation of object profiles for a system for customized electronic identification of desirable objects
153 5,830,213	T Systems for heating and ablating tissue using multifunctional electrode structures
154 5,818,714	T Process control system with asymptotic auto-tuning
155 5,815,400	T Machining method using numerical control apparatus
156 5,814,784	T Laser-welding techniques using pre-heated tool and enlarged beam
157 5,812,698	T Handwriting recognition system and method
158 5,810,802	T Systems and methods for controlling tissue ablation using multiple temperature sensing elements
159 5,810,759	T Control system for regulating gas exchange in extracorporeal circulation
160 5,809,322	T Apparatus and method for signal processing
161 5,804,940	T Device designed to compensate for non-linearity of machine shafts
162 5,800,432	T Systems and methods for actively cooling ablation electrodes using diodes
163 5,797,903	T Tissue heating and ablation systems and methods using porous electrode structures with electrically conductive surfaces
164 5,796,919	T Method of constructing and designing fuzzy controllers
165 5,796,608	T Self controllable regulator device
166 5,774,633	T Supporting neural network method for process operation

- 167 [5,774,357](#) **T** [Human factored interface incorporating adaptive pattern recognition based controller apparatus](#)
- 168 [5,769,847](#) **T** [Systems and methods for controlling tissue ablation using multiple temperature sensing elements](#)
- 169 [5,767,648](#) **T** [Base force/torque sensor apparatus for the precise control of manipulators with joint friction and a method of use thereof](#)
- 170 [5,761,626](#) **T** [System and method for distinguishing and characterizing motor vehicles for control of automatic drivers](#)
- 171 [5,758,025](#) **T** [Dynamically adaptive fuzzy interval controller](#)
- 172 [5,757,760](#) **T** [Information recording and/or reproducing apparatus and method for performing recording and/or reproduction of information by using probe](#)
- 173 [5,754,939](#) **T** [System for generation of user profiles for a system for customized electronic identification of desirable objects](#)
- 174 [5,754,938](#) **T** [Pseudonymous server for system for customized electronic identification of desirable objects](#)
- 175 [5,751,610](#) **T** [On-line robot work-cell calibration](#)
- 176 [5,748,852](#) **T** [Fuzzy-logic classification system](#)
- 177 [5,748,467](#) **T** [Method of adapting and applying control parameters in non-linear process controllers](#)
- 178 [5,745,651](#) **T** [Speech synthesis apparatus and method for causing a computer to perform speech synthesis by calculating product of parameters for a speech waveform and a read waveform generation matrix](#)
- 179 [5,735,846](#) **T** [Systems and methods for ablating body tissue using predicted maximum tissue temperature](#)
- 180 [5,732,227](#) **T** [Interactive information processing system responsive to user manipulation of physical objects and displayed images](#)
- 181 [5,726,880](#) **T** [Method of and apparatus for controlling a process](#)
- 182 [5,719,999](#) **T** [Fuzzy control apparatus in which rules can be changed, method of operating same, control system in which changeover is controlled by fuzzy reasoning, and method of controlling the same](#)
- 183 [5,704,200](#) **T** [Agricultural harvester ground tracking control system and method using fuzzy logic](#)
- 184 [5,691,896](#) **T** [Field based process control system with auto-tuning](#)
- 185 [5,688,267](#) **T** [Systems and methods for sensing multiple temperature conditions during tissue ablation](#)
- 186 [5,682,466](#) **T** [Information processing apparatus for obtaining output data from plural sets of input and output data values](#)
- 187 [5,681,494](#) **T** [Temperature control method for fixing device and fixing device and image forming apparatus using same temperature control method](#)
- 188 [5,680,409](#) **T** [Method and apparatus for detecting and identifying faulty sensors in a process](#)
- 189 [5,677,757](#) **T** [Projection exposure apparatus](#)
- 190 [5,677,609](#) **T** [Intelligent servomechanism controller](#)
- 191 [5,670,112](#) **T** [Multiphase matter introduction with a plasticating screw arrangement](#)
- 192 [5,665,941](#) **T** [Method and apparatus for filtering out signal components from output signals of a](#)

differential dosing scale using a fuzzy logic filter

- 193 [5,662,693](#) **T** [Mobility assist for the paralyzed, amputee and spastic person](#)
- 194 [5,662,085](#) **T** [Method and device for controlling the speed of an internal combustion engine during a deceleration phase](#)
- 195 [5,659,479](#) **T** [Method and apparatus for real-time control of laser processing of materials](#)
- 196 [5,655,056](#) **T** [Fuzzy controller group control system](#)
- 197 [5,651,100](#) **T** [Approximate reasoning apparatus](#)
- 198 [5,642,707](#) **T** [Method and device for controlling the idling speed of an internal combustion engine](#)
- 199 [5,640,002](#) **T** [Portable RF ID tag and barcode reader](#)
- 200 [5,638,492](#) **T** [Information processing apparatus and monitoring apparatus](#)
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PAT. NO.	Title
201 5,625,754	T Method of evaluating a set of linguistic rules
202 5,625,561	T Apparatus and method for feedback adjusting machine working condition for improving dimensional accuracy of processed workpieces
203 5,621,519	T Imaging system transfer function control method and apparatus
204 5,619,966	T Method for controlling an internal combustion engine as it enters low-idle speed
205 5,613,369	T Air conditioner and control method for an air conditioner
206 5,608,843	T Learning controller with advantage updating algorithm
207 5,598,304	T Fuzzy controller for an actuator and the controlling method thereof
208 5,594,810	T Method and apparatus for recognizing gestures on a computer system
209 5,590,219	T Method and apparatus for recognizing gestures on a computer system
210 5,588,721	T Vibration analysis of the rotating wheel for controlling anti-lock braking operation
211 5,586,033	T Control system with neural network trained as general and local models
212 5,583,950	T Method and apparatus for flash correlation
213 5,583,946	T Method and apparatus for recognizing gestures on a computer system
214 5,583,769	T Automatic train operation apparatus incorporating security function with improved reliability
215 5,572,629	T High performance fuzzy logic processing method
216 5,568,378	T Variable horizon predictor for controlling dead time dominant processes, multivariable interactive processes, and processes with time variant dynamics

- 217 [5,548,110](#) **T** [Optical error-detecting, error-correcting and other coding and processing, particularly for bar codes, and applications therefor such as counterfeit detection](#)
- 218 [5,541,832](#) **T** [Control device for controlling a controlled apparatus, and a control method therefor](#)
- 219 [5,535,577](#) **T** [Agricultural harvester with closed loop ground tracking control](#)
- 220 [5,528,730](#) **T** [Method of control rule generation and method of fuzzy control using the same, and apparatus for automatic control rule generation and fuzzy control apparatus using the same](#)
- 221 [5,523,957](#) **T** [Process for controlling rotary calcining kilns, and control system therefor](#)
- 222 [5,523,565](#) **T** [Use of a mass spectrometer with secondary ionization for the inspection of containers](#)
- 223 [5,519,605](#) **T** [Model predictive control apparatus and method](#)
- 224 [5,517,420](#) **T** [Method and apparatus for real-time control of laser processing of materials](#)
- 225 [5,515,477](#) **T** [Neural networks](#)
- 226 [5,515,476](#) **T** [Fuzzy control apparatus in which rules can be changed, method of operating same, control system in which changeover is controlled by fuzzy reasoning, and method of controlling the same](#)
- 227 [5,510,698](#) **T** [Markov chain controlled random modulation of switching signals in power converters](#)
- 228 [5,497,331](#) **T** [Semiconductor integrated circuit device fabrication method and its fabrication apparatus](#)
- 229 [5,487,130](#) **T** [Fuzzy rule acquisition method and apparatus for fuzzy inference system and fuzzy inference system using the apparatus](#)
- 230 [5,486,998](#) **T** [Process stabilizing process controller](#)
- 231 [5,485,802](#) **T** [Method and apparatus for pulling monocrystals from a melt](#)
- 232 [5,471,381](#) **T** [Intelligent servomechanism controller](#)
- 233 [5,463,854](#) **T** [Agricultural harvester with closed loop ground tracking control](#)
- 234 [5,430,642](#) **T** [Control device for controlling a controlled apparatus, and a control method therefor](#)
- 235 [5,425,109](#) **T** [System for identifying freehand drawings](#)
- 236 [5,410,470](#) **T** [Process control method and system with employment of fuzzy inference](#)
- 237 [5,410,118](#) **T** [Method and device for controlling a spark erosion machine](#)
- 238 [5,404,289](#) **T** [Controller apparatus having improved transient response speed by means of self-tuning variable set point weighting](#)
- 239 [5,394,678](#) **T** [Electronic control for turf maintenance vehicle](#)
- 240 [5,376,770](#) **T** [Process and device for machining workpieces by means of a laser beam](#)
- 241 [5,344,070](#) **T** [Computer-controlled automotive air conditioning system with fuzzy inference](#)
- 242 [5,341,323](#) **T** [Fuzzy membership function circuit](#)
- 243 [5,331,565](#) **T** [Control system having optimality decision means](#)
- 244 [5,321,621](#) **T** [Method of optimizing the control of looms for improving the economic efficiency of a weaving mill](#)
- 245 [5,305,424](#) **T** [Data forming method for a multi-stage fuzzy processing system](#)
- 246 [5,303,385](#) **T** [Control system having optimality decision means](#)

- 247 5,288,938 **T** Method and apparatus for controlling electronic tone generation in accordance with a detected type of performance gesture
- 248 5,285,378 **T** Apparatus for and method of automatically tuning and setting control parameters for a numerical control unit
- 249 5,272,428 **T** Fuzzy logic integrated control method and apparatus to improve motor efficiency
- 250 5,267,348 **T** Method and system for evaluating and modifying fuzzy knowledge
-

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(((((control AND fuzzy) AND (pid OR pi)) AND computer) AND ((buffer OR memory) OR delay))):
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PAT. NO.	Title
251 5,259,063	Reconfigurable fuzzy cell
252 5,251,288	Fuzzy inference apparatus with membership function adjustment
253 5,245,529	Two degrees of freedom type control system
254 5,245,528	Process control apparatus and method for adjustment of operating parameters of controller of the process control apparatus
255 5,241,651	Operating method and adjusting device in fuzzy control apparatus
256 5,214,745	Artificial neural device utilizing phase orientation in the complex number domain to encode and decode stimulus response patterns
257 5,213,077	Gain adjusting device for PID controller for controlling rotational speed of internal combustion engine
258 5,206,566	Access method of actuator and control apparatus therefor
259 5,204,935	Programmable fuzzy logic circuits
260 5,199,077	Wordspotting for voice editing and indexing
261 5,173,224	Fuzzy inference thermocontrol method for an injection molding machine with a PID control
262 5,170,935	Adaptable control of HVAC systems
263 5,165,011	System for switching a rule group
264 5,153,822	Programmable logic circuit with delayed input and feedback
265 5,149,472	Fuzzy inference thermocontrol method for an injection molding machine
266 5,148,977	Control system for air-conductioner
267 5,148,385	Serial systolic processor

- 268 [5,142,664](#) **T** [Processing unit using truth-valued flow](#)
- 269 [5,140,669](#) **T** [Truth-valued-flow inference unit](#)
- 270 [5,135,688](#) **T** [Fuzzy inference thermocontrol method for an injection molding machine with a plurality of means for heating or cooling](#)
- 271 [5,127,063](#) **T** [Processor for pattern data, measured process information, and image information](#)
- 272 [5,126,600](#) **T** [Truth value generating basic circuit suitable for analog inputs](#)
- 273 [5,121,467](#) **T** [Neural network/expert system process control system and method](#)
- 274 [5,121,466](#) **T** [Processing unit using truth-valued flow](#)
- 275 [5,113,366](#) **T** [Fuzzy membership function circuit](#)
- 276 [5,073,863](#) **T** [Truth value converter](#)
- 277 [4,992,927](#) **T** [Self-propagating control apparatus and method, propagating-type controller used by said apparatus, method of operating and controlling same, and supervisor](#)
- 278 [4,980,857](#) **T** [Operations controller for a fault tolerant multiple node processing system](#)
- 279 [4,972,415](#) **T** [Voter subsystem for a fault tolerant multiple node processing system](#)
- 280 [4,942,516](#) **T** [Single chip integrated circuit computer architecture](#)
- 281 [4,933,940](#) **T** [Operations controller for a fault tolerant multiple node processing system](#)
- 282 [4,926,826](#) **T** [Electric air-fuel ratio control apparatus for use in internal combustion engine](#)
- 283 [4,914,657](#) **T** [Operations controller for a fault tolerant multiple node processing system](#)
- 284 [4,903,192](#) **T** [Pid controller system](#)
- 285 [4,896,271](#) **T** [Method and apparatus for measuring jitter in a periodic signal](#)
- 286 [4,837,725](#) **T** [Fuzzy membership function circuit](#)
- 287 [4,816,989](#) **T** [Synchronizer for a fault tolerant multiple node processing system](#)
- 288 [4,805,107](#) **T** [Task scheduler for a fault tolerant multiple node processing system](#)
- 289 [3,961,191](#) **T** [Coded imaging systems](#)